

ABSTRACT

A method for controlling gas pressure for inflating a passenger-side frontal airbag in a vehicle comprises a determination of the type and number of passengers in the passenger seat and a determination of the nature and severity of the impact. When at least one passenger is resident in the passenger seat, the current passenger type is selected from a plurality of predetermined passenger types. The gas pressure for inflating the passenger-side frontal airbag is adjusted on the basis of the current passenger type and number, and the frontal impact generated from the collision.